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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: )  
 ) Before the Examiner  
Albert S. Feng et al. )  
 )  
Serial No. New Filing )  
 ) Group Art Unit  
Filed November 16, 1998 )  
 ) November 16, 1998  
BINAURAL SIGNAL PROCESSING )  
TECHNIQUES )

INFORMATION DISCLOSURE STATEMENT

Hon. Assistant Secretary and  
Commissioner of Patents and Trademarks  
Washington, D. C. 20231

Sir:

Pursuant to the duty of disclosure embodied in 37 C.F.R § 1.56 and 1.98,

Applicant discloses the following references:

<u>Patent No.</u>	<u>Inventor(s)</u>	<u>Issue Date</u>
4,773,095	Zwicker et al.	September 20, 1988
5,289,544	Franklin	February 22, 1994
5,325,436	Soi et al.	June 28, 1994
5,417,113	Hartley	May 23, 1995
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5,495,534	Inanaga et al.	February 27, 1996
5,511,128	Lindemann	April 23, 1996
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5,757,932	Lindemann et al.	May 26, 1998

Publications:

An Information-Maximization Approach to Blind Separation and Blind Deconvolution: Anthony J. Bell, Terrence J. Sejnowski; Article, Howard Hughes Medical Institute, Computational Neurobiology Laboratory, The Salk Institute; pp. 1130-1159.

On the Potential of Fixed Arrays for Hearing Aids: R. W. Stadler and W. M. Rabinowitz; Research Laboratory of Electronics, J. Acous. Soc. Am.; September 1993.



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Washington, D. C. 20231.

*L. Scott*  
Signature of person mailing paper or fee

Development of a directional Hearing Instrument Based on Array Technology:  
Wim. Soede, Augustinus J. Berkhout and Frans A. Bilsen; J. Acoust. Soc. Am., August 1993.

Modeling Human Sound-Source Localization and the Cocktail-Party-Effect:  
Markus Bodden; Acta Acustica; February/April, 1993; pp. 43-55.

Localisation and Separation of Simultaneous Voices with Two Microphones: D. Banks; IEE Proceedings-1, Vol. 140, No. 4, August 1993.

Auditory Demonstrations of a Cocktail-Party-Processor: M. Bodden; Acustica, Vol. 82, 1996, pp. 356-357.

Reducing Correlated Noise in Digital Hearing Aids: Nathaniel A. Whitmal, Janet C. Rutledge, and Jonathan Cohen; IEEE Engineering in Medicine and Biology; September/October 1996, pp. 88-96.

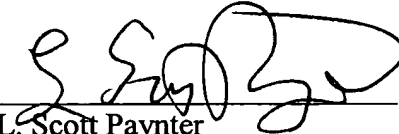
Extension of a Binaural Cross-Correlation Model by Contralateral Inhibition. I. Simulation of Lateralization for Stationary Signals; W. Lindemann; J. Acoust. Soc. Am., December 1986; pp. 1608-1622.

This information is being submitted simultaneously with the filing of the application, and has not been heretofore cited by the Examiner. A copy of the cited items are enclosed in accordance with 37 C. F. R. §1.98 and these patents have been identified on an accompanying IDS citation form.

The filing of this Information Disclosure Statement shall not be construed as an admission that the information cited is, or is considered to be, material to patentability as defined in §1.56(b).

The United States Patent and Trademark Office is authorized to charge any deficiency or credit any refund to Deposit Account No. 23-3030, but not to include any payment of issue fees.

Respectfully submitted:

A handwritten signature in black ink, appearing to read 'L. Scott Paynter', is written over a horizontal line.

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